Approved for use through 04/30/2003, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO			Complete if Known		
			Application Number		
IN		SCI OSLIDE	Filing Date	September 19, 2003	
INFORMATION DISCLOSURE			First Named Inventor	David King, et al.	
S	TATEMENT BY A		Art Unit		
(Use as many sheets as necessary)		Examiner Name			
Sheet	1of	2	Attorney Docket Number	20377/2	

	_		U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	^{US-} 4,761,982	08/09/1988	Snyder	
	AB	^{US-} 5,365,891	11/22/1994	Hanning	
	AC	^{US-} 5,497,824	03/12/1996	Rouf	
	AD	^{US-} 4,137,744	02/06/1979	Smick	
	AE	^{US-} 4,727,907	03/01/1988	Duncan	
	AF	^{US-} 3,969,037	07/13/1976	Steiner	
	AG	^{US-} 4,559,998	12/24/1985	Counterman	
		US-			
******		US-			
		US-			
*****		US-			
,		US-			
	ļ · · · · · ·	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Т
				,		
						-
						Ļ
						┢
						┝

Examiner		Date	
Signature	l l	Considered	
. •	l I		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

Trainstation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** INFORMATION DISCLOSURE Filing Date September 19, 2003 STATEMENT BY APPLICANT **First Named Inventor** David King, et al. Art Unit (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number Sheet 2 of 2 20377/2

	,	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	ВА	Metalcraft Machinery - Metal Twister available at : http://www.metal-craft.addr.com/twister.html	
	ВВ	Thermal Dynamics' Design and Manufacturing available at: http://www.thermaldynamics.com/design.html	
	вс	BFuel Efficiency, LLC Turbulators available at: http://www.fuelefficiencyllc.com/fehxturb.html	
	BD	Fin Cool available at: http://www.haydenind.com/swirl.html	
**	BE	Inner Swirl Turbulator available at: http://www.haydenind.com/design.html	
	BF	Exact Exchanger Incorporated - product features available at: http://www.exactexchanger.com/Product_Features/product_features.html	
	BG	Metal Roller, Metal Scroller & Metal Twister - Metal Ace Metalworking Machinery available at: http://www.metalace.com.au/scr.html	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.